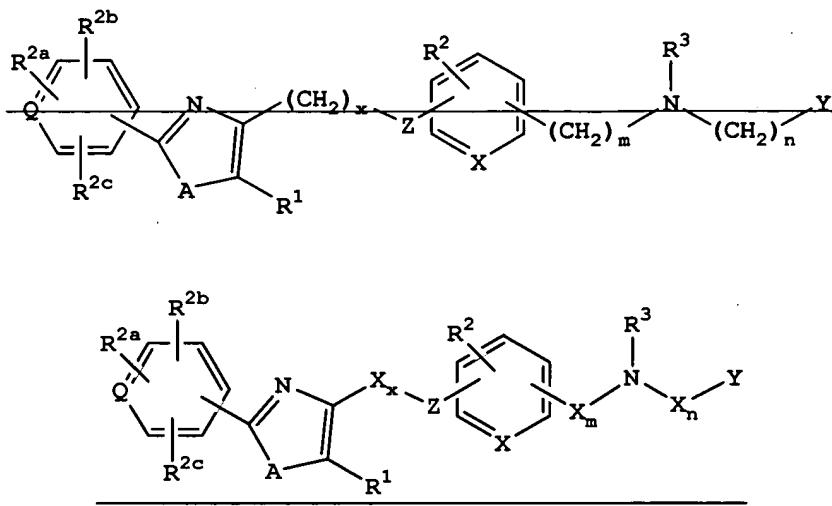


AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended) A compound which has the structure



wherein X<sub>x</sub> is a carbon chain of 1, 2, 3 or 4 carbon atoms which is selected from alkylene, alkenylene, allenyl or alkylene;

X<sub>m</sub> is a carbon chain of 1 or 2 carbon atoms which is selected from alkylene, alkenylene or alkynylene;

X<sub>n</sub> is a carbon chain of 1 or 2 carbon atoms which is selected from alkylene, alkenylene or alkynylene;

Q is C;

A is O;

Z is O;

R<sup>1</sup> is H or lower alkyl;

X is N;

R<sup>2</sup> is H, alkyl, alkoxy, halogen, amino or substituted amino;

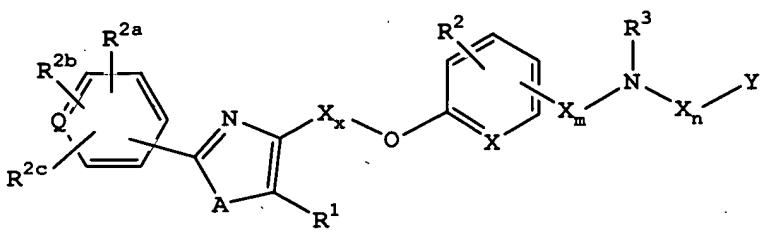
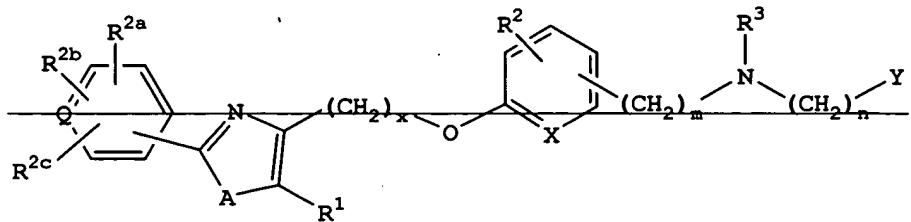
R<sup>2a</sup>, R<sup>2b</sup> and R<sup>2c</sup> are the same or different and are selected from H or alkyl;

R<sup>3</sup> is alkyl, arylalkyl, alkoxyarylalkyl, heteroarylalkyloxyarylalkyl, arylalkoxyarylalkyl, or alkylaryloxyarylalkyl heteroaryloxyarylalkyl;

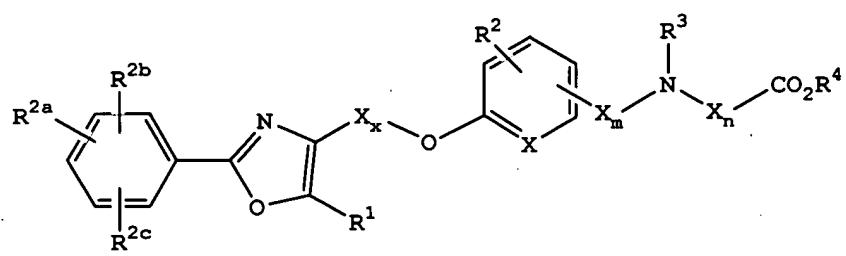
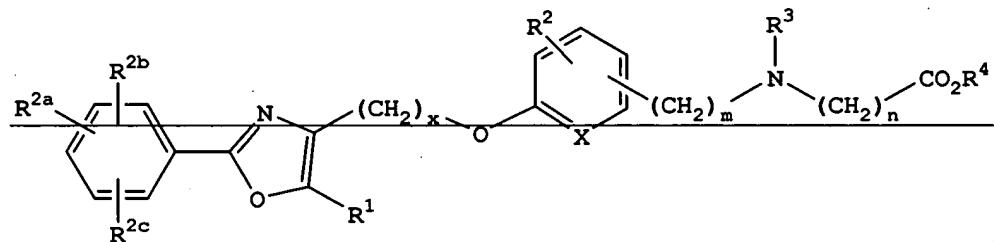
Y is CO<sub>2</sub>R<sup>4</sup> where R<sup>4</sup> is H or alkyl, or a prodrug ester;

or stereoisomers thereof, a prodrug ester thereof, or a pharmaceutically acceptable salt thereof.

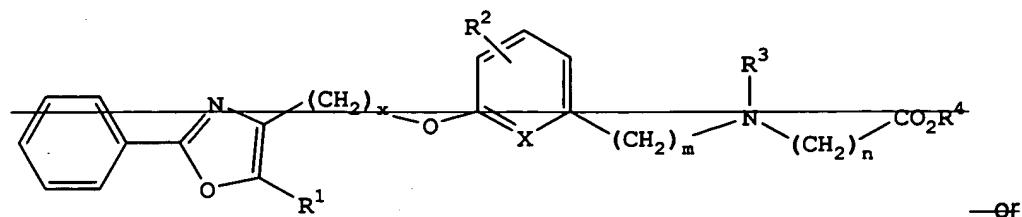
Claim 2. (Currently Amended) The compound as defined in Claim 1 having the structure



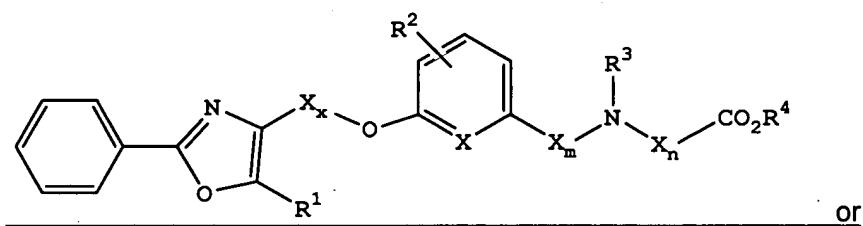
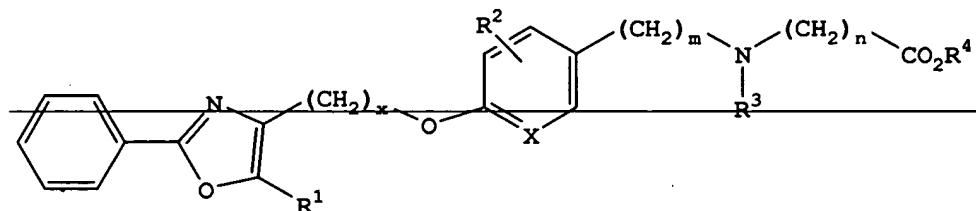
Claim 3. (Currently Amended) The compound as defined in Claim 1 having the structure



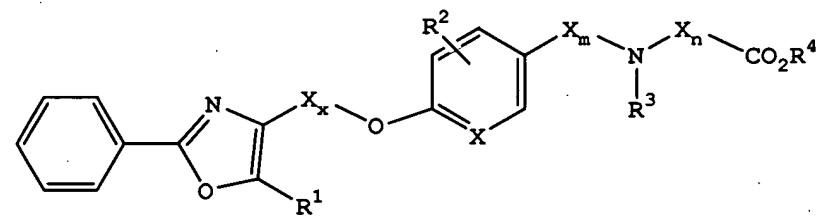
Claim 4. (Currently Amended) The compound as defined in Claim 1 having structure



—or—



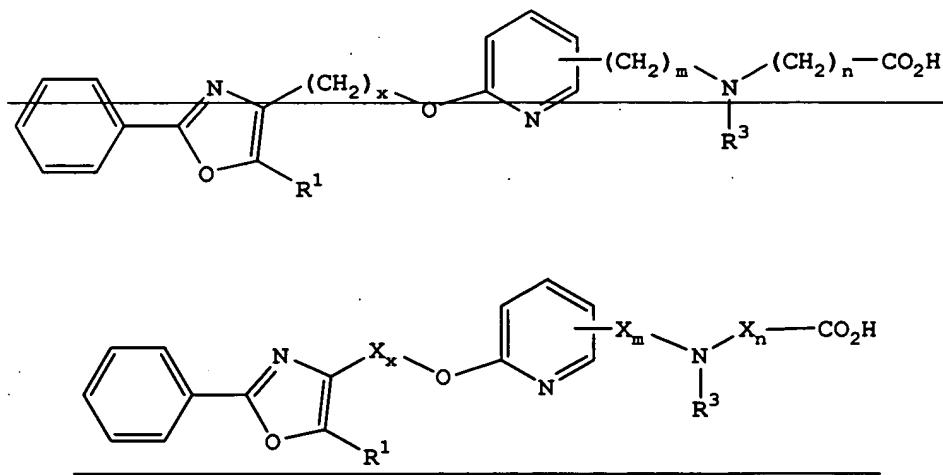
—or—



Claim 5. (Currently Amended) The compound as defined in Claim 1 wherein  $(CH_2)_x X_x$  is alkylene, alkenylene, allenyl, or alkynylene.

Claims 6 to 8. (Cancelled).

Claim 9. (Currently Amended)—The compound as defined in Claim 1 having the structure



wherein  $R^1$  is H or lower alkyl; and

$R^3$  is alkyl, arylalkyl, alkoxyarylalkyl, arylalkoxyarylalkyl or alkylaryloxyarylalkyl.

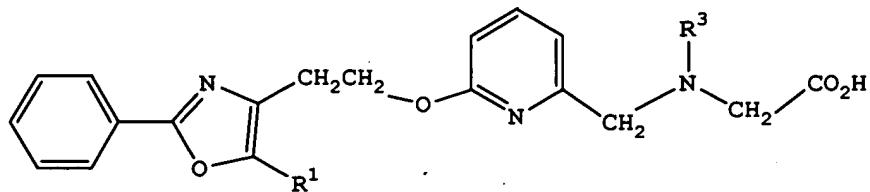
Claim 10. (Currently Amended) The compound as defined in Claim 1 wherein  $(CH_2)_x X_x$  is

$CH_2$ ,  $(CH_2)_2$ ,  $(CH_2)_3$ , or  $\begin{array}{c} CH_3 \\ | \\ CH \\ | \\ CH_3 \end{array}$ ,  $(CH_2)_m X_m$  is  $CH_2$ , or  $\begin{array}{c} R_a \\ | \\ CH \\ | \end{array}$  where  $R_a$  is alkyl or alkenyl,  $(CH_2)_n X_n$  is  $CH_2$ ,  $R^1$  is lower alkyl,  $R^2$  is H,  $R^{2a}$  is H,  $R^4$  is H, and  $R^3$  is aryloxyarylalkyl, arylalkyl, or alkoxyarylalkyl, which may be optionally substituted. --

Claims 11 and 12. (Cancelled).

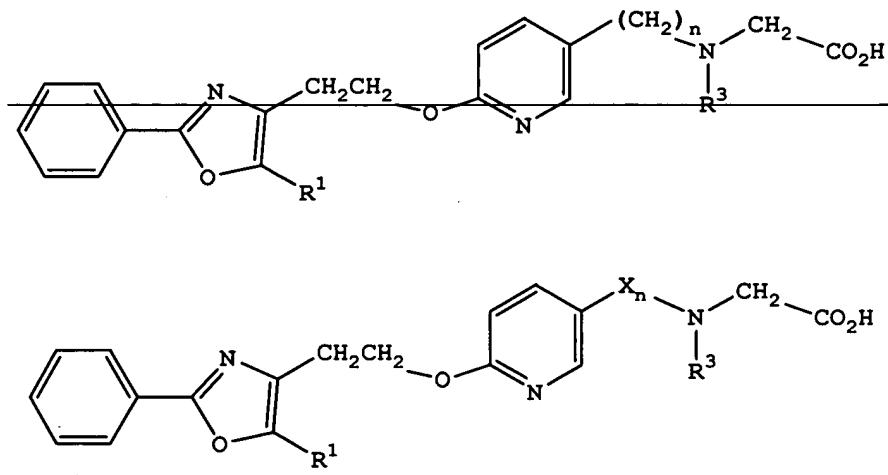
Claim 13. (Currently Amended) The compound as defined in Claim 1 wherein  $x$  is 2,  $X_x$  is  $CH_2CH_2$ ,  $m$  is 1, and  $n$  is 1  $X_m$  is  $CH_2$  and  $X_n$  is  $CH_2$ .

Claim 14. (Currently Amended) The compound as defined in Claim 1 having the structure



wherein  $R^1$  is H or lower alkyl; and  $R^3$  is alkyl, arylalkyl, alkoxyarylalkyl, arylalkoxyarylalkyl or alkylaryloxyarylalkyl.

Claim 15. (Currently Amended) The compound as defined in Claim 1 having the structure



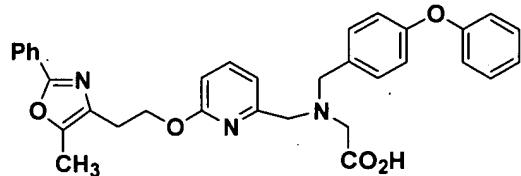
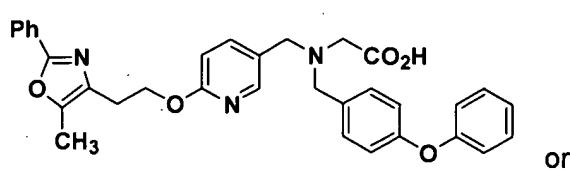
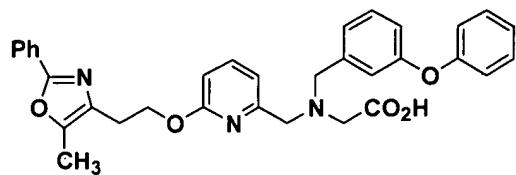
where  $(CH_2)_n$   $X_n$  is  $CH_2$  or  $-\overset{CH_3}{CH}-$  [.] ;

$R^1$  is H or lower alkyl; and

$R^3$  is alkyl, arylalkyl, alkoxyarylalkyl, arylalkoxyarylalkyl or alkylaryloxyarylalkyl.

Claim 16. (Cancelled).

Claim 17. (Previously Amended) The compound as defined in Claim 1 having the structure



Claims 18 to 32. (Cancelled).

Claim 33. (Original) A pharmaceutical composition comprising a compound as defined in Claim 1 and a pharmaceutically acceptable carrier therefor.

Claim 34. (Previously Amended) A method for lowering blood glucose levels or for treating diabetes or for treating an early malignant disease, a malignant disease, or a dysplastic disease, which comprises administering to a patient in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.

Claim 35. (Original) A method for treating diabetes which comprises administering to a patient in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.

Claims 36 to 54. (Cancelled).